

REMARKS

Examiner Interview

Applicant thanks the Examiner for the courtesy of the telephone interview on February 17, 2006 in which the Examiner agreed that the amendment to the claims, as presented, would overcome the current rejection.

Amendments

Amendments to the Claims

Applicant has amended claims 2, 11, 16 and 23. No new matter has been added as a result of these amendments.

Rejections

Rejections under 35 U.S.C. § 112, first paragraph

Claims 2-9, 11-14, 16-21, and 23-26

Claims 2-9, 11-14, 16-21, and 23-26 stand rejected under the first paragraph of 35 U.S.C. § 112 for failing to comply with the enablement requirement. The Examiner asserts that it is not clear “how Applicant’s invention utilizes a[n] unified memory architecture while consisting of separate physical memories.” Applicant respectfully submits that the claims, as amended, comply with the enablement requirement because Applicant claims a memory architecture comprising video memory mapped onto main and separate memories.

Furthermore, the Examiner asserts that a unified memory architecture, defined as using “part of the computer’s main memory for video memory …”, requires the frame preparation and refresh memory be mapped into main memory. However, Applicant respectfully submits that the definition cited by the Examiner does not require that all the video memory be mapped into main memory. Instead, Applicant respectfully submits that a unified memory architecture can use part of the computer’s main memory for some of the video memory.

Nevertheless, Applicant respectfully submits that claims 2-9, 11-14, 16-21, and 23-26, as amended, satisfy the enablement requirements of 35 U.S.C § 112, first paragraph and respectfully requests the withdrawal of the rejection of the claims under § 112.

SUMMARY

Claims 2-9, 11-14, 16-21 and 23-26 are currently pending. In view of the foregoing revisions and remarks, Applicant respectfully submits that the pending claims are in condition for allowance. Applicant respectfully requests reconsideration of the application and allowance of the pending claims.

If the Examiner determines the prompt allowance of these claims could be facilitated by a telephone conference, the Examiner is invited to contact Eric Replogle at (408) 720-8300 x258.

Deposit Account Authorization

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Applicant hereby requests such extension.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR
& ZAFMAN LLP

Dated: Mar. 13, 2006



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